

Title (en)
SLOTING MACHINE FOR DIAPHRAGMA WALLS

Title (de)
SCHLITZWANDFRÄSE

Title (fr)
MACHINE DE FORAGE PUR LES MUR DE DIAPHRAGMA

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Application
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Abstract (en)
[origin: WO2020114656A1] The invention relates to a specialized civil engineering machine, in particular a slotted wall milling machine, comprising at least one rotating tool and a tool drive which is arranged within a housing of the specialized civil engineering machine and is sealed from the surroundings by at least one bearing seal in the region of the machine shaft outlet from the housing to the driven tool. The invention is characterized in that the bearing seal comprises at least two separate seal elements, the arrangement of which forms a sealed chamber lying between the seal elements, wherein a pressure compensating device is provided which controls the chamber pressure in the sealed chamber according to the ambient pressure of the specialized civil engineering machine.

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Citation (opposition)
Opponent : BAUER Maschinen GmbH
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